

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Dominique Charmot et al.  
Serial No. 10/813,872  
Filed March 30, 2004  
Confirmation No. 5573  
For ION BINDING COMPOSITIONS  
Examiner Micah P. Young

Art Unit 1618

TO THE COMMISSIONER FOR PATENTS,  
SIR:

CERTIFICATE UNDER 37 CFR 3.73(b)

Relypsa, Inc. a Delaware corporation, certifies that it is the assignee in the patent application identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or for which a copy thereof is attached.

**OR**

B. ☒ A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From Dominique Charmot, John Fordtran, Han Ting Chang, Eric Connor, Mingjun Liu, and Gerrit Klaerner  
to Symyx Therapeutics, Inc.

The document was recorded in the Patent and Trademark Office at Reel 015164  
Frame 0643.

2. Symyx Therapeutics, Inc. changed its name to Ilypsa, Inc.

The document was recorded in the Patent and Trademark Office at Reel 014607  
Frame 0923.

3. From Ilypsa, Inc. to Relypsa, Inc.,  
for which a copy thereof is attached.

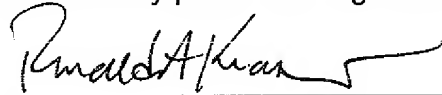
The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and

further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1-18-08

Date



Signature

Ronald A. Krasnow  
Senior Vice President, Intellectual Property &  
Chief Patent Counsel

JSH/clp

## ASSIGNMENT

WHEREAS ILYPSA, INC., (hereinafter, "ASSIGNOR"), a corporation organized and existing under the laws of the State of Delaware, and having a place of business at One Amgen Center Drive, Thousand Oaks, CA 91320-1799, is the assignee of interest in inventions set forth in U.S. and foreign patents and U.S. and foreign patent applications (collectively, "Patent Documents"), listed in Appendix A hereto;

WHEREAS RELYPSA, (hereinafter, "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a place of business at 5301 Patrick Henry Drive, Santa Clara, CA 95054, is desirous of acquiring all interest in and to said inventions and to the Patent Documents listed in Appendix A;

NOW, THEREFORE, be it known to all whom it may concern:

THAT for good and valuable consideration the receipt of which is hereby acknowledged, ASSIGNOR has and does hereby sell, assign, transfer and set over unto ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest, including all rights acquired in foreign countries, in and to said Patent Documents (listed in Appendix A, attached hereto and incorporated herein by reference), including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, and in and to any and all letters patents to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but for, to and in all other countries; and it has been and is hereby authorized and requested that the appropriate government agencies issue said letters patents to ASSIGNEE, its successors and assigns, in accordance with this assignment

ASSIGNOR HEREBY covenants and agrees that it has the full right to convey the interest herein assigned, and ASSIGNOR has not executed, and will not execute, any agreement in conflict herewith.

IN WITNESS AND IN TESTIMONY WHEREOF, I as a duly authorized representative of ASSIGNOR, hereunto set my hand on the date shown below.

THIS 8<sup>th</sup> day of January, 2008.

ILYPSA, INC

By:

Name:

Title:

Stuart L. Watt  
Stuart L. Watt, V.P. Law &  
Intellectual Property Officer

UNITED STATES OF AMERICA

State of California

County of Ventura }

ss:

January 8

2008

Before me, a Notary Public for Ventura County, State of California, personally appeared

Stuart L. Watt

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal



Karen E. Podgorny  
Notary Public

My commission expires

October 28

2010

# Appendix A

Country	Docket No.	Alt. Docket No.	NEW	Application No.	PENDING
UNITED STATES	2004-002.A101.US	ILPS04021.101	NEW	10/814,527	PUBLISHED
AUSTRALIA	2004-002.A201.AU	ILPS04021.203	DCA	2005228696	PENDING
BRAZIL	2004-002.A201.BR	ILPS04021.204	DCA	P/0509331-7	PENDING
CANADA	2004-002.A201.CA	ILPS04021.205	DCA	2557999	PENDING
CHINA	2004-002.A201.CN	ILPS04021.206	DCA	2.0058E+11	PENDING
GERMANY	2004-002.A201.DE	ILPS04021.207	DCA	1.12005E+12	PUBLISHED
EUROPEAN PATENT CONVENT	2004-002.A201.EP	ILPS04021.208	DCA	5747062.7	PENDING
UNITED KINGDOM	2004-002.A201.GB	ILPS04021.209	DCA	06 21244.3	PUBLISHED
JAPAN	2004-002.A201.JP	ILPS04021.211	DCA	2007-506295	PENDING
SOUTH KOREA	2004-002.A201.KR	ILPS04021.212	DCA	10-2006-7022590	PENDING
MEXICO	2004-002.A201.MX	ILPS04021.213	DCA	PA/a/2006/011210	PENDING
WIPO	2004-002.A201.PCT	ILPS04021.202	CEQ	2005/011010	NAT PHASE
JAPAN	2004-006.A301.JP	ILPS04006.306	DCA	TBA	PENDING
UNITED STATES	2004-006.A101.US	ILPS04006.101	NEW	10/965,688	PUBLISHED
UNITED STATES	2004-006.A201.US.P	ILPS04006.201	OTH	60/687,272	EXPIRED
AUSTRALIA	2004-006.A301.AU	ILPS04006.308	DCA	2005295708	PENDING
CANADA	2004-006.A301.CA	ILPS04006.304	DCA	2583666	PENDING
EUROPEAN PATENT CONVENT	2004-006.A301.EP	ILPS04006.305	DCA	5810841.6	PUBLISHED
HONG KONG	2004-006.A301.HK	ILPS04006.309	DCA	7107586.8	PENDING
INDIA	2004-006.A301.IN	ILPS04006.307	DCA	2154/DELNP/2007	PENDING
UNITED STATES	2004-006.A301.US	ILPS04006.301	CIP	11/249,997	PUBLISHED
WIPO	2004-006.A301.PCT	ILPS04006.302	CEQ	2005/036901	NAT PHASE

UNITED STATES	2000-001.A101.US	ILPS00001.105	DCA	5/21/03	10/432,371	ABANDONED
WIPO	2000-001.A101.PCT	ILPS00001.103	NEW	11/28/01	CA01/01692	NAT PHASE
WIPO	2000-001.A201.PCT	ILPS00002.203	NEW	12/4/01	CA01/01728	PENDING

# Appendix A (continued)

Country	Docket No.	Alt. Docket No.	Application No.	Patent No.	ISSUED
UNITED STATES	1994-001.A101.US	ILPS94001.101	08/195,009	5484773	ISSUED
ISRAEL	1994-001.A101.IL	ILPS94001.102	112428	112428	ISSUED
SOUTH AFRICA	1994-001.A101.ZA	ILPS94001.113	95/0630	95/0630	ISSUED
AUSTRALIA	1994-001.A101.AU	ILPS94001.115	15727/95	698275	ABANDONED
CANADA	1994-001.A101.CA	ILPS94001.104	2181359	2181359	ISSUED
SWITZERLAND	1994-001.A101.EP	ILPS94001.109	95907526.8	744959	ISSUED
GERMANY	1994-001.A101.EP	ILPS94001.106	69533084	95907526.8	ISSUED
EUROPEAN PATENT CONVENT	1994-001.A101.EP	ILPS94001.105	95907526.8	744959	NAT PHASE
FRANCE	1994-001.A101.EP	ILPS94001.107	95907526.8	744959	ISSUED
UNITED KINGDOM	1994-001.A101.EP	ILPS94001.108	95907526.8	744959	ISSUED
IRELAND	1994-001.A101.EP	ILPS94001.110	95907526.8	744959	ISSUED
JAPAN	1994-001.A101.JP	ILPS94001.111	97-520869		PENDING
SOUTH KOREA	1994-001.A101.KR	ILPS94001.118	1996-704399	197129	ABANDONED
MEXICO	1994-001.A101.MX	ILPS94001.112	963403		ISSUED
NORWAY	1994-001.A101.NO	ILPS94001.119	1996-3378		ABANDONED
NEW ZEALAND	1994-001.A101.NZ	ILPS94001.120	279180	279180	ABANDONED
NEW ZEALAND	1994-001.A102.NZ	ILPS94001.121	328329	328329	ABANDONED
WIPO	1994-001.A101.PCT	ILPS94001.103	CA95/00060		NAT PHASE
ARGENTINA	1994-001.A101.AR	ILPS94001.116	330.985	AR255169M	ABANDONED
VENEZUELA	1994-001.A101.VE	ILPS94001.122	0215-95		ABANDONED
UNITED STATES	1994-001.A102.US	ILPS94001.114	08/450,572	5635606	ISSUED
CHINA	1994-001.A101.CN	ILPS94001.117	95191615.7	ZL95191615.7	ABANDONED
UNITED STATES	1998-001.A101.US	ILPS98001.101	09/085,032 or 6013635		ISSUED
AUSTRALIA	1998-001.A101.AU	ILPS98001.110	41253/99		ABANDONED
CANADA	1998-001.A101.CA	ILPS98001.103	2321927		PUBLISHED
CHINA	1998-001.A101.CN	ILPS98001.109	99805510.7		ABANDONED
EUROPEAN PATENT CONVENT	1998-001.A101.EP	ILPS98001.104	99924602.8		PUBLISHED

Country	Docket No.	Alt: Docket No.	Application No.	Patent No.
EUROPEAN PATENT CONVENT	1998-001.A102.EP	ILPS98001.113	6009088.3	PUBLISHED
HONG KONG	1998-001.A101.HK	ILPS98001.105	1106612.4	PENDING
JAPAN	1998-001.A101.JP	ILPS98001.106	2000-550491	PUBLISHED
JAPAN	1998-001.A102.JP	ILPS98001.114	2006-136969	PUBLISHED
NORWAY	1998-001.A101.NO	ILPS98001.111	2000 5992	ABANDONED
NEW ZEALAND	1998-001.A101.NZ	ILPS98001.112	506474	ABANDONED
WIPO	1998-001.A101.PCT	ILPS98001.102	CA99/00484	NAT PHASE
UNITED STATES	1998-001.A102.US	ILPS98001.107	09/419,790 or 6107282	ISSUED
UNITED STATES	1998-001.A201.US	ILPS98001.201	09/433,944 or 6358930	ISSUED
UNITED STATES	1998-001.A103.US	ILPS98001.108	09/593,040 or 6465435	ISSUED
ARGENTINA	1998-001.A301.AR	ILPS98001.304	00 01 05829	ABANDONED
CANADA	1998-001.A301.CA	ILPS98001.302	2388187	PENDING
EUROPEAN PATENT CONVENT	1998-001.A301.EP	ILPS98001.305	974214.9	ABANDONED
JAPAN	1998-001.A301.JP	ILPS98001.303	2001-534423	PENDING
WIPO	1998-001.A301.PCT	ILPS98001.301	CA00/01312	NAT PHASE
TAIWAN	1998-001.A201.TW	ILPS98001.202	89125617	ABANDONED



## Appendix A (continued)

Country	Docket No.	Alt. Docket No.		Application No.
UNITED STATES	2004-003.A102.US	ILPS04031.102	NEW	10/813,872
UNITED STATES	2004-002.B101.US	ILPS04022.101	CIP	10/965,274
UNITED STATES	2004-003.A201.US	ILPS04031.201	CIP	11/095,918
UNITED STATES	2004-002.A201.US	ILPS04021.201	CON	11/095,760
UNITED STATES	2004-002.B201.US	ILPS04022.201	CON	11/096,209
HONG KONG	2004-003.A201.HK	ILPS04031.214	CEQ	MAILED
UNITED STATES	2004-003.A101.US	ILPS04031.101	NEW	10/814,749
AUSTRALIA	2004-002.B201.AU	ILPS04022.203	DCA	2005231424
AUSTRALIA	2004-003.A201.AU	ILPS04031.203	DCA	2005231383
BRAZIL	2004-002.B201.BR	ILPS04022.204	DCA	PI0509366-0
BRAZIL	2004-003.A201.BR	ILPS04031.204	DCA	PI509365-1
CANADA	2004-002.B201.CA	ILPS04022.205	DCA	2558029
CANADA	2004-003.A201.CA	ILPS04031.205	DCA	2557848
CHINA	2004-002.B201.CN	ILPS04022.206	DCA	2.0058E+11
CHINA	2004-003.A201.CN	ILPS04031.206	DCA	2.0058E+11
GERMANY	2004-002.B201.DE	ILPS04022.207	DCA	1.12005E+12
GERMANY	2004-003.A201.DE	ILPS04031.207	DCA	1.12005E+12
EUROPEAN PATENT CONVENT	2004-002.B201.EP	ILPS04022.208	DCA	5732849.4
EUROPEAN PATENT CONVENT	2004-003.A201.EP	ILPS04031.208	DCA	5731099.7
UNITED KINGDOM	2004-002.B201.GB	ILPS04022.209	DCA	06 21242.7
UNITED KINGDOM	2004-003.A201.GB	ILPS04031.209	DCA	621241.9
JAPAN	2004-002.B201.JP	ILPS04022.211	DCA	2007-506580
JAPAN	2004-003.A201.JP	ILPS04031.211	DCA	2007-506518
SOUTH KOREA	2004-002.B201.KR	ILPS04022.212	DCA	10-2006-7022589
SOUTH KOREA	2004-003.A201.KR	ILPS04031.212	DCA	10-2006-7022533
MEXICO	2004-002.B201.MX	ILPS04022.213	DCA	PA/a/2006/011274

Country	Docket No.	Alt. Docket No.			Application No.	
MEXICO	2004-003.A201.MX	ILPS04031.213	DCA	3/30/05	PA/a/2006/011270	PENDING
WIPO	2004-002.B201.PCT	ILPS04022.202	CEQ	3/30/05	2005/10978	NAT PHASE
WIPO	2004-003.A201.PCT	ILPS04031.202	CEQ	3/30/05	2005/010747	PUBLISHED
UNITED STATES	2005-003.A101.US.P	ILPS05031.101	NEW	9/30/05	60/723,073	EXPIRED
WIPO	2005-003.A201.PCT	ILPS05031.201	CEQ	10/2/06	2006/038602	PUBLISHED
UNITED STATES	2005-004.A101.US.P	ILPS05041.101	NEW	9/30/05	60/723,055	EXPIRED
WIPO	2005-004.A201.PCT	ILPS05041.201	CEQ	10/2/06	2006/038900	PUBLISHED
UNITED STATES	2005-002.A101.US.P	ILPS05021.101	NEW	9/30/05	60/723,232	EXPIRED
WIPO	2005-002.A201.PCT	ILPS05021.201	CEQ	10/2/06	2006/38899	PUBLISHED
UNITED STATES	2005-003.A301.US	ILPS05031.301	NEW			ABANDONED